

Appendix table 5-15.

Academic research space, new construction, and repaired/renovated space, by field: 1986–2001
(Millions of square feet)

| Field | Total research space | | | | | | | |
|--|----------------------|---------|---------|---------|---------|---------|---------|----------------------|
| | 1988 | 1990 | 1992 | 1994 | 1996 | 1998 | 1999 | |
| Total, all fields | 112 | 116 | 122 | 127 | 136 | 143 | 151 | |
| Physical sciences | 16 | 16 | 16 | 17 | 18 | 18 | 19 | |
| Mathematics | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Computer sciences | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| Earth, atmospheric, and ocean sciences | 6 | 6 | 7 | 7 | 7 | 8 | 8 | |
| Agricultural sciences | 18 | 21 | 20 | 20 | 22 | 25 | 25 | |
| Biological sciences | | | | | | | | |
| Universities and colleges | 16 | 18 | 17 | 17 | 19 | 19 | 19 | |
| Medical schools | 8 | 9 | 11 | 11 | 11 | 12 | 13 | |
| Medical sciences | | | | | | | | |
| Universities and colleges | 5 | 5 | 6 | 6 | 7 | 7 | 8 | |
| Medical schools | 14 | 15 | 16 | 17 | 18 | 18 | 19 | |
| Psychology | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| Social sciences | 3 | 3 | 3 | 3 | 4 | 5 | 5 | |
| Other sciences (n.e.c.) | 4 | 2 | 2 | 2 | 2 | 3 | 3 | |
| Engineering | 16 | 17 | 18 | 21 | 22 | 23 | 26 | |
| New construction | | | | | | | | |
| | 1986–87 | 1988–89 | 1990–91 | 1992–93 | 1994–95 | 1996–97 | 1998–99 | 2000–01 ^a |
| Total, all fields | 9.9 | 10.6 | 11.4 | 11.0 | 9.5 | 11.1 | 8.8 | 16.1 |
| Physical sciences | 0.8 | 2.0 | 1.6 | 1.3 | 1.6 | 1.2 | 1.1 | 1.1 |
| Mathematics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Computer sciences | 0.2 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.3 | 0.5 |
| Earth, atmospheric, and ocean sciences | 0.4 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 | 0.3 | 0.6 |
| Agricultural sciences | 1.5 | 1.1 | 1.0 | 1.2 | 0.8 | 1.5 | 0.8 | 1.0 |
| Biological sciences | | | | | | | | |
| Universities and colleges | 1.3 | 1.5 | 1.4 | 1.2 | 1.0 | 1.2 | 1.0 | 2.2 |
| Medical schools | 0.4 | 0.7 | 1.4 | 1.0 | 0.6 | 0.7 | 1.0 | 2.8 |
| Medical sciences | | | | | | | | |
| Universities and colleges | 0.6 | 0.3 | 0.7 | 0.7 | 0.4 | 0.7 | 0.8 | 1.6 |
| Medical schools | 1.3 | 1.9 | 2.3 | 3.2 | 1.7 | 2.7 | 1.3 | 2.6 |
| Psychology | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.4 |
| Social sciences | 0.2 | 0.3 | b | 0.2 | 0.4 | 0.2 | 0.1 | 0.2 |
| Other sciences (n.e.c.) | 0.6 | 0.4 | 0.4 | 0.4 | 0.3 | 0.5 | 0.5 | 0.6 |
| Engineering | 2.4 | 1.5 | 1.7 | 1.1 | 2.2 | 1.5 | 1.5 | 2.5 |
| Repaired/renovated space | | | | | | | | |
| | 1986–87 | 1988–89 | 1990–91 | 1992–93 | 1994–95 | 1996–97 | 1998–99 | 2000–01 ^a |
| Total, all fields | 13.4 | 11.4 | 8.6 | 9.1 | 13.1 | 15.1 | 16.4 | 12.5 |
| Physical sciences | 1.7 | 1.9 | 1.7 | 1.7 | 2.5 | 2.4 | 2.1 | 1.8 |
| Mathematics | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.4 | 0.3 |
| Computer sciences | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 |
| Earth, atmospheric, and ocean sciences | 0.4 | 0.9 | 0.5 | 0.4 | 0.5 | 0.4 | 0.9 | 0.5 |
| Agricultural sciences | 0.6 | 0.5 | 0.4 | 0.3 | 1.2 | 0.8 | 0.6 | 0.4 |
| Biological sciences | | | | | | | | |
| Universities and colleges | 2.6 | 2.2 | 1.1 | 1.3 | 1.6 | 2.5 | 2.0 | 1.8 |
| Medical schools | 1.1 | 1.3 | 1.3 | 0.9 | 0.8 | 1.5 | 2.3 | 2.0 |
| Medical sciences | | | | | | | | |
| Universities and colleges | 0.7 | 0.7 | 0.6 | 0.3 | 0.8 | 0.7 | 1.1 | 0.8 |
| Medical schools | 2.5 | 1.6 | 1.4 | 1.7 | 3.1 | 2.2 | 1.6 | 2.3 |
| Psychology | 0.3 | 0.1 | 0.3 | 0.1 | 0.2 | 0.5 | 0.6 | 0.4 |
| Social sciences | 0.2 | 0.1 | b | 0.2 | 0.3 | 0.7 | 0.8 | 0.6 |
| Other sciences (n.e.c.) | 0.5 | 0.2 | 0.0 | 0.2 | 0.2 | 0.4 | 1.2 | 0.2 |
| Engineering | 2.7 | 1.6 | 1.2 | 1.9 | 1.8 | 2.7 | 2.6 | 1.3 |

n.e.c. = not elsewhere classified

^aNew construction and repair/renovation planned to start in FY 2000 or FY 2001, the two-year period after the survey year^bData included with psychology.

NOTES: For new construction and repair/renovation, data for two years are combined; e.g., 1988–89 refers to two fiscal years. Total research space is current actual space reported at the time of the survey. Square footage refers to net assignable square feet (the sum of all areas on all floors of a building assigned to or available to be assigned to an occupant for specific use, such as instruction or research). Details may not add to totals because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics (NSF/SRS), Survey of Scientific and Engineering Research Facilities at Universities and Colleges, various years.

See figure 5-15 in Volume 1.

Science & Engineering Indicators – 2002